



# AYTAŞ

**Tarım Ürünleri Sanayi ve Ticaret A.Ş.**

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03/02/2012

## ETHANOL 96,1% SPECIFICATION

TEST	Method	Unit	Specification	Value / Result
Appearance	visual		clear liquid	clear liquid
Color	visual		colorless	colorless
Taste			burning	burning
Odor			neutral	neutral
Alcohol content	DM	vol %	min. 96.0	96.15
Aldehydes content	GC	g/hl p.a.	max. 0.5	0.12
Acids content	TM	g/hl p.a.	max.1.5	0.19
Esters content	GC	g/hl p.a.	max. 1.3	0.1
Higher alcohols total	GC	g/hl p.a.	max. 0.5	0.32
Methyl alcohol	GC	g/hl p.a.	max. 30	1.0
Furfural	GC		Not detectable	Not detectable
Saval test	visual		sustain	sustain
Permanganate test	visual	min/20°C	min. 18	26
Volatile basis containing nitrogen	GC	g/hl p.a.	max. 0.1	0.001
Dry substance	GM	g/hl p.a.	max. 1.5	0.15
Density	DM	g/dm <sup>3</sup>	-	806.8
UV Test : 10mm	Scan UV			
220nm		AU	max 0.30	0.28
230nm		AU	max 0.18	0.16
240nm		AU	max 0.08	0.05
270nm		AU	max 0.02	0.00

p.a.: 100% pure alcohol

**Ethanol is agriculture origin and not dangerous  
for human consumption under the limit.**

**100% of the Ethanol are originated from molasses of sugarcane.  
Not produced through dehydration process.**

**Ethanol corresponds with the REGULATION (EC) No 110/2008 OF THE EUROPEAN  
PARLIAMENT AND OF THE COUNCIL of 15 January 2008 on the definition, description,  
presentation, labelling and the protection of geographical indications of spirit drinks and  
repealing Council Regulation (EEC) No 1576/89.**

**AYTAŞ TARIM ÜRÜNLERİ  
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